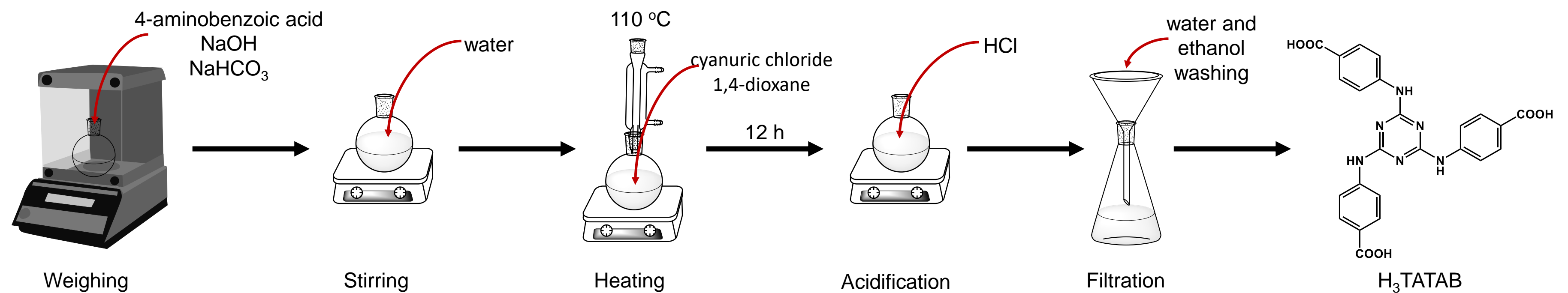
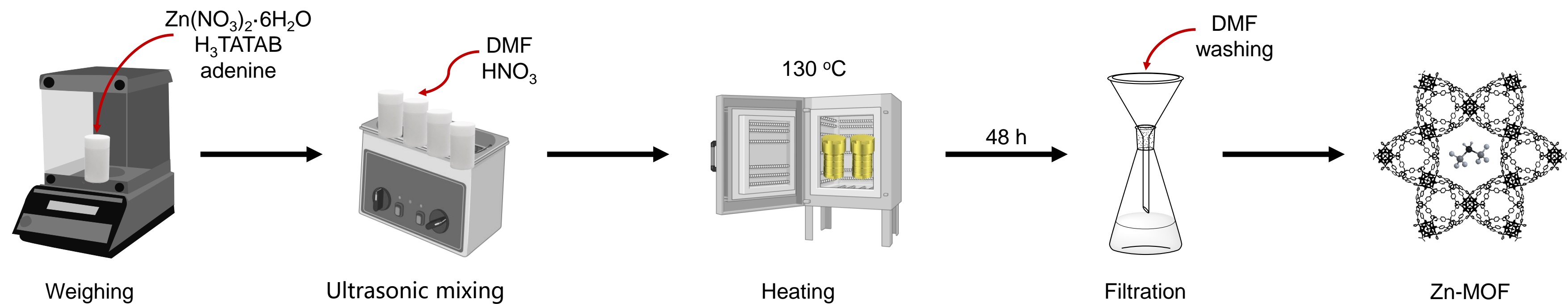


### a Synthesis of the ligand H<sub>3</sub>TATAB



### b Synthesis of the original Zn-MOF



### c Synthesis of the sensor Zn-MOF-C-Tb

